

**BIOTECH****TESTING SERVICES**

TEST REPORT

LAB NO. : 7151/ 1 - 2

DATE: 09/06/2015

NAME OF CUSTOMER : RELIABLE CORPORATIONS
ADDRESS : Gala No.5, Opposite Durga Mandir,
Kherani Road, Sakinaka,
Mumbai – 400 072
REFERENCE : Your Letter dated June 03, 2015
DATE OF RECEIPT : 04/06/2015
DATE OF INITIATION : 04/06/2015
DATE OF COMPLETION : 08/06/2015

SAMPLE DESCRIPTION : Rubber Specimen labeled as –

Sr. No.	Sample Code	Description
1.	Urinal Pad Untreated	Untreated
2.	Urinal Pad treated with GERMGUARD	Antimicrobial
-	Lab. Control	Untreated

Name of Test:

Evaluation of Antimicrobial Activity of Rubber samples

Name of Test Protocol:

JIS Z 2801: 2010

Test Organisms used for evaluating Antimicrobial activity:

1. Staphylococcus aureus ATCC 6538
2. Escherichia coli ATCC 8739

Test Conditions:

Neutraliser used : DE broth
Contact Time : 24 hours at 37^o C
Incubation Temperature : 37^o C for Bacteria
Media and Reagent : Soyabean-casein digest agar for Bacteria

**BIOTECH****TESTING SERVICES****Results:**

Sample Identification	Test Organism	Antimicrobial Activity (R) (Log Reduction)	Microbial Kill (Percentage Reduction)
Urinal Pad Untreated	Staph. aureus	1.48	96.72
	Escherichia coli	1.06	91.17
Urinal Pad treated with GERMGUARD	Staph. aureus	2.83	99.85
	Escherichia coli	2.83	99.85

The Standard Antimicrobial value of Evaluation $R \geq 2.0$

COMMENT:

When tested as specified, Rubber specimen - **Urinal Pad treated with GERMGUARD, PASSES** the Quantitative Assessment of activity for Staphylococcus aureus and Escherichia coli by **JIS Z 2801: 2010 Test Method.**

For BIOTECH TESTING SERVICES

Dr Shilpa U. Nair
Quality Manager
(Authorized Signatory)

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An ISO/IEC 17025:2005 Accredited Testing Services

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- ▶ Samples are not drawn by the laboratory. ▶ Result relate only to the samples tested.
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